

SEQUENCE LISTING

<110> Nolan, Garry P.
Payan, Donald

<120> COMBINATORIAL ENZYMATIC COMPLEXES

<130> A-63915/DJB/RMS

<140> 08/873,601

<141> 1997-06-12

<160> 35

<170> PatentIn Ver. 2.0

<210> 1

<211> 61

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 1

Met Gly Cys Ala Ala Leu Glu Ser Glu Val Ser Ala Leu Glu Ser Glu
1 5 10 15

Val Ala Ser Leu Glu Ser Glu Val Ala Ala Leu Gly Arg Gly Asp Met
20 25 30

Pro Leu Ala Ala Val Lys Ser Lys Leu Ser Ala Val Lys Ser Lys Leu
35 40 45

Ala Ser Val Lys Ser Lys Leu Ala Ala Cys Gly Pro Pro
50 55 60

<210> 2

<211> 69

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 2

Met Gly Arg Asn Ser Gln Ala Thr Ser Gly Phe Thr Phe Ser His Phe

<213> Homo sapiens

<400> 6

Glu Glu Lys Arg Lys Arg Thr Tyr Glu
1 5

<210> 7

<211> 20

<212> PRT

<213> Xenopus laevis

<400> 7

Ala Val Lys Arg Pro Ala Ala Thr Lys Lys Ala Gly Gln Ala Lys Lys
1 5 10 15

Lys Lys Leu Asp
20

<210> 8

<211> 31

<212> PRT

<213> Homo sapiens

<400> 8

Met Ala Ser Pro Leu Thr Arg Phe Leu Ser Leu Asn Leu Leu Leu Leu
1 5 10 15

Gly Glu Ser Ile Leu Gly Ser Gly Glu Ala Lys Pro Gln Ala Pro
20 25 30

<210> 9

<211> 21

<212> PRT

<213> Homo sapiens

<400> 9

Met Ser Ser Phe Gly Tyr Arg Thr Leu Thr Val Ala Leu Phe Thr Leu
1 5 10 15

Ile Cys Cys Pro Gly
20

<210> 10

<211> 51

<212> PRT
<213> Homo sapiens

<400> 10

Pro Gln Arg Pro Glu Asp Cys Arg Pro Arg Gly Ser Val Lys Gly Thr
1 5 10 15

Gly Leu Asp Phe Ala Cys Asp Ile Tyr Ile Trp Ala Pro Leu Ala Gly
20 25 30

Ile Cys Val Ala Leu Leu Leu Ser Leu Ile Ile Thr Leu Ile Cys Tyr
35 40 45

His Ser Arg
50

<210> 11
<211> 33
<212> PRT
<213> Homo sapiens

<400> 11

Met Val Ile Ile Val Thr Val Val Ser Val Leu Leu Ser Leu Phe Val
1 5 10 15

Thr Ser Val Leu Leu Cys Phe Ile Phe Gly Gln His Leu Arg Gln Gln
20 25 30

Arg

<210> 12
<211> 37
<212> PRT
<213> Unknown

<220>

<223> Description of Unknown Organism: UNKNOWN

<400> 12

Pro Asn Lys Gly Ser Gly Thr Thr Ser Gly Thr Thr Arg Leu Leu Ser
1 5 10 15

Gly His Thr Cys Phe Thr Leu Thr Gly Leu Leu Gly Thr Leu Val Thr
20 25 30

Met Gly Leu Leu Thr
35

<210> 13
<211> 14
<212> PRT
<213> Unknown

<220>

<223> Description of Unknown Organism: UNKNOWN

<400> 13

Met Gly Ser Ser Lys Ser Lys Pro Lys Asp Pro Ser Gln Arg
1 5 10

<210> 14
<211> 26
<212> PRT
<213> Unknown

<220>

<223> Description of Unknown Organism: UNKNOWN

<400> 14

Leu Leu Gln Arg Leu Phe Ser Arg Gln Asp Cys Cys Gly Asn Cys Ser
1 5 10 15

Asp Ser Glu Glu Glu Leu Pro Thr Arg Leu
20 25

<210> 15
<211> 20
<212> PRT
<213> Unknown

<220>

<223> Description of Unknown Organism: UNKNOWN

<400> 15

Lys Gln Phe Arg Asn Cys Met Leu Thr Ser Leu Cys Cys Gly Lys Asn
1 5 10 15

Pro Leu Gly Asp
20

<210> 16
<211> 19
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: UNKNOWN

<400> 16
Leu Asn Pro Pro Asp Glu Ser Gly Pro Gly Cys Met Ser Cys Lys Cys
1 5 10 15

Val Leu Ser

<210> 17
<211> 5
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: UNKNOWN

<400> 17
Lys Phe Glu Arg Gln
1 5

<210> 18
<211> 36
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: UNKNOWN

<400> 18
Met Leu Ile Pro Ile Ala Gly Phe Phe Ala Leu Ala Gly Leu Val Leu
1 5 10 15

Ile Val Leu Ile Ala Tyr Leu Ile Gly Arg Lys Arg Ser His Ala Gly
20 25 30

Tyr Gln Thr Ile
35

<210> 19
<211> 35
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: UNKNOWN

<400> 19
Leu Val Pro Ile Ala Val Gly Ala Ala Leu Ala Gly Val Leu Ile Leu
1 5 10 15
Val Leu Leu Ala Tyr Phe Ile Gly Leu Lys His His His Ala Gly Tyr
20 25 30
Glu Gln Phe
35

<210> 20
<211> 27
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 20
Met Leu Arg Thr Ser Ser Leu Phe Thr Arg Arg Val Gln Pro Ser Leu
1 5 10 15
Phe Ser Arg Asn Ile Leu Arg Leu Gln Ser Thr
20 25

<210> 21
<211> 25
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 21
Met Leu Ser Leu Arg Gln Ser Ile Arg Phe Phe Lys Pro Ala Thr Arg
1 5 10 15
Thr Leu Cys Ser Ser Arg Tyr Leu Leu
20 25

<210> 22
<211> 64

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 22

Met Phe Ser Met Leu Ser Lys Arg Trp Ala Gln Arg Thr Leu Ser Lys
1 5 10 15

Ser Phe Tyr Ser Thr Ala Thr Gly Ala Ala Ser Lys Ser Gly Lys Leu
20 25 30

Thr Gln Lys Leu Val Thr Ala Gly Val Ala Ala Ala Gly Ile Thr Ala
35 40 45

Ser Thr Leu Leu Tyr Ala Asp Ser Leu Thr Ala Glu Ala Met Thr Ala
50 55 60

<210> 23

<211> 41

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 23

Met Lys Ser Phe Ile Thr Arg Asn Lys Thr Ala Ile Leu Ala Thr Val
1 5 10 15

Ala Ala Thr Gly Thr Ala Ile Gly Ala Tyr Tyr Tyr Tyr Asn Gln Leu
20 25 30

Gln Gln Gln Gln Gln Arg Gly Lys Lys
35 40

<210> 24

<211> 4

<212> PRT

<213> Unknown

<220>

<223> Description of Unknown Organism: UNKNOWN

<400> 24

Lys Asp Glu Leu

1

<210> 25
<211> 15
<212> PRT
<213> ADENOVIRUS

<400> 25
Leu Tyr Leu Ser Arg Arg Ser Phe Ile Asp Glu Lys Lys Met Pro
1 5 10 15

<210> 26
<211> 19
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: UNKNOWN

<400> 26
Leu Asn Pro Pro Asp Glu Ser Gly Pro Gly Cys Met Ser Cys Lys Cys
1 5 10 15

Val Leu Ser

<210> 27
<211> 15
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: UNKNOWN

<400> 27
Leu Thr Glu Pro Thr Gln Pro Thr Arg Asn Gln Cys Cys Ser Asn
1 5 10 15

<210> 28
<211> 9
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: UNKNOWN

<400> 28
Arg Thr Ala Leu Gly Asp Ile Gly Asn
1 5

<210> 29
<211> 20
<212> PRT
<213> Homo sapiens

<400> 29
Met Tyr Arg Met Gln Leu Leu Ser Cys Ile Ala Leu Ser Leu Ala Leu
1 5 10 15

Val Thr Asn Ser
20

<210> 30
<211> 29
<212> PRT
<213> Homo sapiens

<400> 30
Met Ala Thr Gly Ser Arg Thr Ser Leu Leu Leu Ala Phe Gly Leu Leu
1 5 10 15

Cys Leu Pro Trp Leu Gln Glu Gly Ser Ala Phe Pro Thr
20 25

<210> 31
<211> 27
<212> PRT
<213> Homo sapiens

<400> 31
Met Ala Leu Trp Met Arg Leu Leu Pro Leu Leu Ala Leu Leu Ala Leu
1 5 10 15

Trp Gly Pro Asp Pro Ala Ala Ala Phe Val Asn
20 25

<210> 32
<211> 18
<212> PRT
<213> Influenza virus

<400> 32

Met Lys Ala Lys Leu Leu Val Leu Leu Tyr Ala Phe Val Ala Gly Asp
1 5 10 15

Gln Ile

<210> 33

<211> 24

<212> PRT

<213> Homo sapiens

<400> 33

Met Gly Leu Thr Ser Gln Leu Leu Pro Pro Leu Phe Phe Leu Leu Ala
1 5 10 15

Cys Ala Gly Asn Phe Val His Gly
20

<210> 34

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC

<400> 34

Gly Ser Gly Gly Ser
1 5

<210> 35

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC

<400> 35

Gly Gly Gly Ser
1

Q1
CMT